

# Hearing Protector 2 Channel

Made specifically for shooting sports and high impact noise situations. Exceptionally accurate lightning fast, digital circuitry delivers unsurpassed amplification for situational awareness and appropriate noise attenuation when you pull the trigger

## Ideal for:

Recreational shooting  
 Game hunting  
 Clay target  
 Competition shooting  
 Wing shooting  
 High impact noise situations

## Technical Data

Peak OSPL90 (dB SPL)	96	
OSPL90-HFA (dB SPL)	90	
Peak Gain (dB)	33	
HFA/FOG (dB)	20	
Reference test gain (dB)	13	
Frequency range (Hz)	200-7000	
Distortion	%	
	.@ 500Hz	0.5
	.@ 800Hz	0.5
	.@ 1600Hz	0.3
EQ input noise (dB)	30	
Battery Size	312	
Battery Current (mA)	0.76	
ANSI S3.22/2003 & IEC118-7/2005 (HA2-2CC Coupler)		
/Reference test gain: 65dB @1000Hz		
/Data may be subject to change with product refinement		

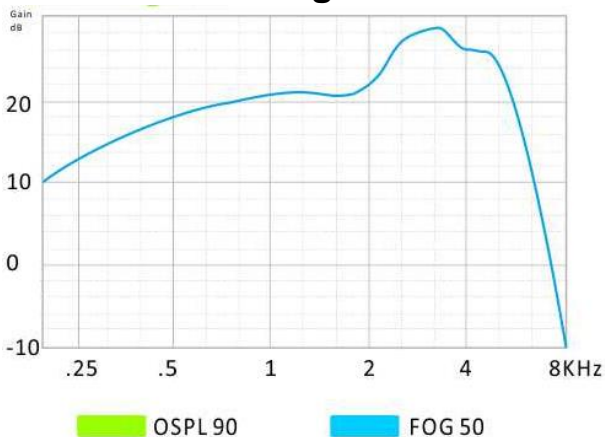
## Advanced DSP (Digital Signal Processing)

Exceptionally accurate and lightning fast, digital circuitry delivers unsurpassed amplification for situational awareness and appropriate noise attenuation when you pull the trigger.

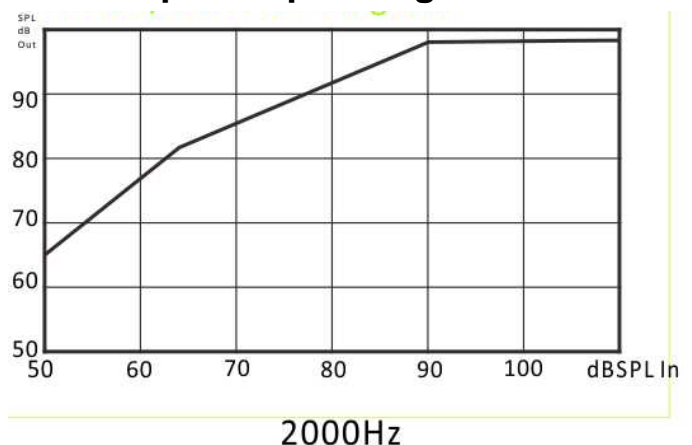
## Features include:

Digital compression and signal processing circuit  
 Volume control  
 Low Battery Warning

**Gain Diagram**



**Input/output Diagram**



**Contact Colsan Microelectronics Ltd now for pricing and more information.**

# Hearing Protector 4 Channel

Made specifically for shooting sports and high impact noise situations. Exceptionally accurate lightning fast, digital circuitry delivers unsurpassed amplification for situational awareness and appropriate noise attenuation when you pull the trigger

## Ideal for:

Recreational shooting  
 Game hunting  
 Clay target  
 Competition shooting  
 Wing shooting  
 High impact noise situations

## Technical Data

Peak OSPL90 (dB SPL)	94	
OSPL90-HFA (dB SPL)	88	
Peak Gain (dB)	12	
HFA/FOG (dB)	6	
Reference test gain (dB)	6	
Frequency range (Hz)	200-6000	
Distortion	%	
	.@ 500Hz	1.0
	.@ 800Hz	1.0
	.@ 1600Hz	1.0
EQ input noise (dB)	30	
Battery Size	10A	
Battery Current (mA)	0.76	
ANSI S3.22/2003 & IEC118-7/2005 (HA2-2CC Coupler)		
/Data may be subject to change with product refinement		

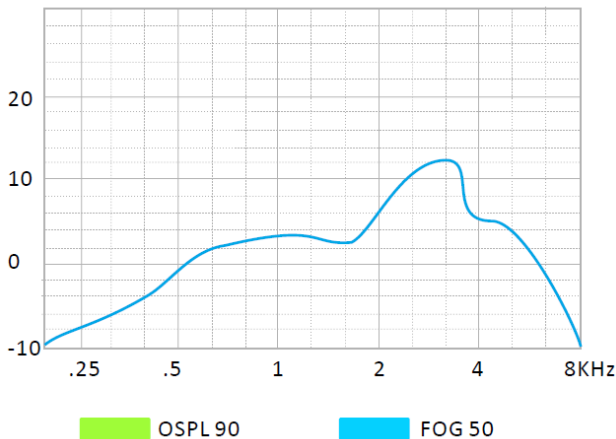
## Advanced DSP (Digital Signal Processing)

Exceptionally accurate and lightning fast, digital circuitry delivers unsurpassed amplification for situational awareness and appropriate noise attenuation when you pull the trigger.

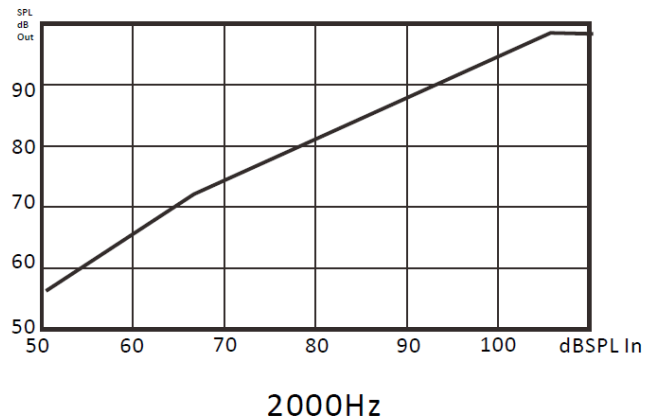
## Features include:

Digital compression and signal processing circuit  
 Volume control  
 Low Battery Warning  
 Approximately 130 hours battery life

**Gain Diagram**



**Input/output Diagram**



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